



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 1706

SERIAL NUMBER 10/500,982	FILING OR 371(c) DATE 07/02/2004 RULE	CLASS 062	GROUP ART UNIT 3744	ATTORNEY DOCKET NO. SHI 19.363 (310010-00078)
APPLICANTS Jin Lin Gao, Allentown, PA; Ralph C. Longworth, Allentown, PA;				
** CONTINUING DATA ***** This application is a 371 of PCT/US03/06580 03/05/2003 which claims benefit of 60/361,651 03/05/2002				
** FOREIGN APPLICATIONS *****				
Foreign Priority claimed <input type="checkbox"/> yes <input type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance Verified and Acknowledged _____ Examiner's Signature _____ Initials _____		STATE OR COUNTRY PA	SHEETS DRAWING 5	TOTAL CLAIMS 12
				INDEPENDENT CLAIMS 4
ADDRESS 026304				
TITLE Fast warm up pulse tube				
FILING FEE RECEIVED 856	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees (Filing) <input type="checkbox"/> 1.17 Fees (Processing Ext. of time) <input type="checkbox"/> 1.18 Fees (Issue) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	